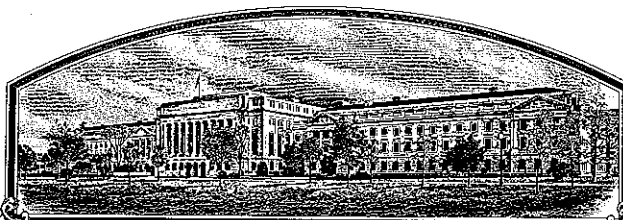


No.

9700378



# THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Jose Buck S.A.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED, PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE KNOWN BY VARIETY NAME ONLY AS A CLASS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF SEEDS SPECIFIED BY THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED; 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'Nora'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this thirtieth day of July in the year of our Lord one thousand nine hundred and ninety-nine.

*Samuel H. Hildner*  
Secretary of Agriculture

Attest:

*Samuel H. Hildner*  
Commissioner  
Plant Variety Protection Office  
Agricultural Marketing Service



U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
SCIENCE DIVISION - PLANT VARIETY PROTECTION OFFICE

**APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE**

(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the privacy Act of 1974 (5 U.S.C. 552a)

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421) Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) (as it is to appear on the Certificate) <b>Jose Buck S.A.</b>		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER <b>N89-0562 / B89-0562</b>		3. VARIETY NAME <b>NORA</b>	
4. ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) <b>7537 La Dulce PDO, DeNecochea Prov. Buenos Aires, Argentina</b>		5. TELEPHONE (include area code) <b>970-532-3721 USA 54-262-34061 Argentina</b>		PVPO NUMBER <b>9700378</b>	
7. GENUS AND SPECIES NAME <b><u>Triticum aestivum</u></b>		8. FAMILY NAME (Botanical) <b>Gramineae</b>		DATE <b>8/14/97</b>	
9. CROP KIND NAME (common name) <b>Hard Red Spring Wheat</b>				FILING AND EXAMINATION FEE <b>2450.00</b>	
10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) (common name) <b>Corporation</b>				DATE <b>August 12, 1997</b>	
11. IF INCORPORATED, GIVE STATE OF INCORPORATION <b>Argentina</b>		12. DATE OF INCORPORATION		CERTIFICATION FEE <b>\$300.00</b>	
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS <b>Hilda Buck President 7537 La Dulce PDO, DeNecochea Prov. Buenos Aires, Argentina</b>		AND <b>Mr. Robert Bruns 806 N. Second Street PO Box 30 Berthoud, Colorado 80513 970-532-3721</b>		DATE <b>6/28/1999</b>	
14. TELEPHONE (include area code) <b>970-532-3721</b>		15. FAX (include area code) <b>970-532-2035</b>			
16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (follow instructions on reverse)					
a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety					
b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness					
c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of the Variety					
d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety					
e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Applicant's Ownership					
f. <input checked="" type="checkbox"/> Voucher Sample (2,500 viable untreated seeds, or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in a public repository)					
g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$2,450), made payable to "Treasurer of the United States" (Mail to PVPO)					
17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY, AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act)					
<input checked="" type="checkbox"/> YES (if "yes", answer items 18 and 19 below) <input type="checkbox"/> NO (if "no", go to item 20)					
18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?			19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDERS SEED?		
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			<input checked="" type="checkbox"/> FOUNDATION <input checked="" type="checkbox"/> REGISTERED <input checked="" type="checkbox"/> CERTIFIED		
20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?					
<input type="checkbox"/> YES (if "YES", give names of countries and dates) <input checked="" type="checkbox"/> NO					

21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with the application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tuber plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT (Owner(s))

*H. Buck*

SIGNATURE OF APPLICANT (Owner(s))

NAME (Please print or type)

**Hilda Buck**

NAME (Please print or type)

CAPACITY OR TITLE

**President**

DATE

**June 13, 1997**

CAPACITY OR TITLE

DATE

***Exhibit A.***  
***Origin and Breeding History of Nora***

The cross between TOB "s"/BRE/BPT and ANB was made at La Dulce, Argentina in the spring of 1981, (TOB"s"=Ciano"s"/7Cerros, BRE=Buck Relen, Bpt=Bage/Klein Petiso, ANB=Tezanos Pinto Precoz/Son 64/3/Cno/Jaral 66//Kavkaz). The female was a stabilized line originated from a cross made at La Dulce in 1972 (cross #2682). The male was a CIMMYT line ANB CM 20707 which had two selection cycles at La Dulce prior to the cross. Generations F1 to F7 (1982 to 1988) were grown in the field at La Dulce and pedigree selection was made from F2 to F7. Eleven plants were selected in F2 for plant height, spike fertility and disease resistance; seven plots from these plants were selected in F3; four in F4, three in F5, two in F6, and one in F7. This line was not advanced from preliminary yield trials in Argentina and its breeding and testing was discontinued. An F7 bulk (#89-562) was sent to Agripro Seeds, Inc. in April of 1989. In 1989 Agripro began testing Nora (B89-0562) in the U.S.A. in preliminary yield trials. From 1990 through 1992 advanced yield trial testing took place throughout the spring wheat region. From 1993 through 1997 regional yield testing was done including Nora being tested in the Hard Red Spring Wheat Uniform Regional Nurseries.

In 1993, 120 headrows were planted in Berthoud, Colorado. The rows with uniform appearance were harvested and planted in 1994 as an initial Breeder's Seed increase. In 1995, a three acre Breeder's Seed increase was planted in Berthoud, Colorado which produced 9,650 pounds of Foundation seed. In 1996, a 36 acre Foundation Seed increase was grown in Ft. Morgan, Colorado which produced 127,400 pounds of Registered Seed.

Nora has been uniform and stable since 1994. Less than 0.8% of the plants were rouged from the initial Breeder's Seed increase in 1994. Approximately 80% of the rouged variant plants were taller height wheat plants (5 to 15 cm's), 5% were blue-green plant color at boot stage and 5% were awnletted wheat plants. Up to 0.8% variant plants may be encountered in subsequent generations.

***Exhibit B.***  
***Statement of Distinctness***

Nora is most similar to the Hard Red Spring Wheat 'Norlander'. However, it can be easily distinguished by the following morphological characteristics:

- Nora has an oblique shoulder shape on the glume (Berthoud, CO 1995, 1996). Norlander has a square shoulder shape on the glume (Berthoud, CO 1995, 1996).
- Nora has a strap head shape at maturity (Berthoud, CO 1995, 1996). Norlander has a tapering head shape at maturity (Berthoud, CO 1995, 1996).
- Nora has a white plant color at maturity (Berthoud, CO 1995, 1996). Norlander has a yellow plant color at maturity (Berthoud, CO 1995, 1996).

U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
SCIENCE DIVISION  
BELTSVILLE, MARYLAND 20705

EXHIBIT C  
(Wheat)

OBJECTIVE DESCRIPTION OF VARIETY

WHEAT (*Triticum* Spp.)

NAME OF APPLICANT(S) <b>Jose Buck S.A.</b>	FOR OFFICIAL USE ONLY PVPO NUMBER <b>9700378</b>
ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) <b>7537 La Dulce PDO, DeNecochea Prov. Buenos Aires, Argentina</b>	NAME OR EXPERIMENTAL DESIGNATION <b>Nora</b>

Place the appropriate number that describes the varietal character of this variety in the boxes below.

Place a zero in the first box when number is either 99 or less or 9 or less respectively. Data for quantitative plant characters should be based on a minimum of 100 plants. Comparative data should be determined from varieties entered in the same trial. Royal Horticultural Society or any recognized standard may be used to determine plant colors; designate system used.

Please answer all questions for your variety; lack of response may delay progress of your application.

1. KIND:

**1** 1=Common 2=Durum 3=Club 4=Other (specify) \_\_\_\_\_

2. VERNALIZATION:

**1** 1=Spring 2=Winter 3=Other (specify) \_\_\_\_\_

3. COLEOPTILE ANTHOCYANIN:

**1** 1=Absent 2=Present

4. JUVENILE PLANT GROWTH:

**3** 1=Prostrate 2=Semi-erect 3=Erect

5. PLANT COLOR (boot stage):

**2** 1 = Yellow-Green 2 = Green 3 = Blue-Green

6. FLAG LEAF (boot stage):

**2** 1 = Erect 2 = Recurved

**2** 1 = Not Twisted 2 = Twisted

7. EAR EMERGENCE:

**- -** Number of Days Earlier Than \_\_\_\_\_ \*

**0 2** Number of Days Later Than **Norlander** \*

8. ANTHOR COLOR:

**1** 1 = YELLOW 2 = PURPLE

9. PLANT HEIGHT (from soil to top of head, excluding awns):

**- -** cm Taller Than \_\_\_\_\_ \*

**0 3** cm Shorter Than **Norlander** \*

\* Relative to a PVPO-Approved Commercial Variety Grown in the Same Trial

## Exhibit C (Wheat) Page 2

Nora

## 10. STEM:

## A. ANTHOCYANIN

**1** 1=Absent 2=Present

## B. WAXY BLOOM

**1** 1=Absent 2=Present

C. HAIRINESS (*last internode of rachis*)

**2** 1=Absent 2=Present

D. INTERNODE (*specify number*)

**1** 1=Hollow 2=Semi-solid 3=Solid

## E. PEDUNCLE

**1** 1=Erect 2=Recurved

**2 8** cm Length

11. HEAD (*at Maturity*):

## A. DENSITY

**2** 1=Lax 2=Middense 3=Dense

## B. SHAPE

**2** 1=Tapering 2=Strap 3=Clavate 4=Other (*specify*)

## C. CURVATURE

**1** 1=Erect 2=Inclined 3=Recurved

## 4 D. AWNEDNESS

**4** 1=Awnless 2=Apically Awnletted 3=Awnletted 4=Awned

12. GLUMES (*at Maturity*):

## A. COLOR

**1** 1=White 2=Tan 3=Other (*specify*)

## B. SHOULDER

**2** 1=Wanting 2=Oblique 3=Rounded 4=Square 5=Elevated 6=Apiculate

## C. BEAK

**3** 1=Obtuse 2=Acute 3=Acuminate

## D. LENGTH

**3** 1=Short (ca. 7mm) 2=Medium (ca. 8mm) 3=Long (ca. 9mm)

## E. WIDTH

**3** 1=Narrow (ca. 3mm) 2=Medium (ca. 3.5mm) 3=Wide (ca. 4mm)

## 13. SEED:

## A. SHAPE

**3** 1=Ovate 2=Oval 3=Elliptical

## B. CHEEK

**1** 1=Rounded 2=Angular

## C. BRUSH

**2** 1=Short 2=Medium 3=Long

**1** 1=Not Collared 2=Collared

## D. CREASE

**1** 1=Width 60% or less of Kernel  
2=Width 80% or less of Kernel  
3=Width Nearly as Wide as Kernel

**1** 1=Depth 20% or less of Kernel  
2=Depth 35% or less of Kernel  
3=Depth 50% or less of Kernel

## 13. SEED: (continued)

## E. COLOR

☒ 3      1 = White      2 = Amber      3 = Red      4 = Other (*specify*) \_\_\_\_\_

## F. TEXTURE

☒ 1      1=Hard      2=Soft

G. PHENOL REACTION (*see instructions*):

☐ -      1 = Ivory      2 = Fawn      3 = Light Brown      4 = Dark Brown      5 = Black

## 14. DISEASE: (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant)

PLEASE INDICATE THE SPECIFIC RACE OR STRAIN TESTED

<input checked="" type="checkbox"/> 4      Stem Rust ( <i>Puccinia graminis</i> f. sp. <i>tritici</i> ) Field races	<input checked="" type="checkbox"/> 4      Leaf Rust ( <i>Puccinia recondita</i> f. sp. <i>tritici</i> ) Field races
<input type="checkbox"/> 0      Stripe Rust ( <i>Puccinia striiformis</i> )	<input type="checkbox"/> 0      Loose Smut ( <i>Ustilago tritici</i> )
<input type="checkbox"/> 0      Tan Spot ( <i>Pyrenophora tritici-repentis</i> )	<input type="checkbox"/> 0      Flag Smut ( <i>Urocystis agropyri</i> )
<input type="checkbox"/> 0      Halo Spot ( <i>Selenophoma donacis</i> )	<input type="checkbox"/> 0      Common Bunt ( <i>Tilletia tritici</i> or <i>T. laevis</i> )
<input type="checkbox"/> 0 <i>Septoria nodorum</i> (Glume Blotch)	<input type="checkbox"/> 0      Dwarf Bunt ( <i>Tilletia controversa</i> )
<input type="checkbox"/> 0 <i>Septoria avenae</i> (Speckled Leaf Disease)	<input type="checkbox"/> 0      Karnal Bunt ( <i>Tilletia indica</i> )
<input type="checkbox"/> 0 <i>Septoria tritici</i> (Speckled Leaf Blotch)	<input type="checkbox"/> 0      Powdery Mildew ( <i>Erysiphe graminis</i> f. sp. <i>tritici</i> )
<input type="checkbox"/> 0      Scab ( <i>Fusarium</i> spp.)	<input type="checkbox"/> 0      Snow Molds
<input type="checkbox"/> 0      Black Point (Kernel Smudge)	<input type="checkbox"/> 0      Common Root Rot ( <i>Fusarium</i> , <i>Cochliobolus</i> and <i>Bipolaris</i> spp.)
<input type="checkbox"/> 0      Barley Yellow Dwarf Virus (BYDV)	<input type="checkbox"/> 0      Rhizoctonia Root Rot ( <i>Rhizoctonia solani</i> )
<input type="checkbox"/> 0      Soilborne Mosaic Virus (SBMV)	<input type="checkbox"/> 0      Black Chaff ( <i>Xanthomonas campestris</i> pv. <i>translucens</i> )
<input type="checkbox"/> 0      Wheat Yellow (Spindle Streak) Mosaic Virus	<input type="checkbox"/> 0      Bacterial Leaf Blight ( <i>Pseudomonas syringae</i> pv. <i>syringae</i> )
<input type="checkbox"/> 0      Wheat Streak Mosaic Virus (WSMV)	<input type="checkbox"/> Other ( <i>specify</i> ) _____
<input type="checkbox"/> Other ( <i>specify</i> ) _____	<input type="checkbox"/> Other ( <i>specify</i> ) _____
<input type="checkbox"/> Other ( <i>specify</i> ) _____	<input type="checkbox"/> Other ( <i>specify</i> ) _____
<input type="checkbox"/> Other ( <i>specify</i> ) _____	<input type="checkbox"/> Other ( <i>specify</i> ) _____

15. INSECT: (0=Not Tested; 1=Susceptible; 2=Resistant; 3=Intermediate; 4=Tolerant)

PLEASE SPECIFY BIOTYPE (where needed)

<input type="checkbox"/> 0	Hessian Fly ( <i>Mayetiola destructor</i> )	<input type="checkbox"/>	Other ( <i>specify</i> )
<input type="checkbox"/> 0	Stem Sawfly ( <i>Cephus</i> spp.)	<input type="checkbox"/>	Other ( <i>specify</i> )
<input type="checkbox"/> 0	Cereal Leaf Beetle ( <i>Oulema melanopa</i> )	<input type="checkbox"/>	Other ( <i>specify</i> )
<input type="checkbox"/> 0	Russian Aphid ( <i>Diuraphis noxia</i> )	<input type="checkbox"/>	Other ( <i>specify</i> )
<input type="checkbox"/> 0	Greenbug ( <i>Schizaphis graminum</i> )	<input type="checkbox"/>	Other ( <i>specify</i> )
<input type="checkbox"/> 0	Aphids		

16. ADDITIONAL INFORMATION ON ANY ITEM ABOVE, OR GENERAL COMMENTS:




***Exhibit D.***  
***Additional Description of Nora***

Nora is a Hard Red Spring Wheat bred by Jose Buck S.A., and developed in the U.S.A. by Agripro Seeds, Inc. Nora is a intermediate height semidwarf wheat with medium maturity and good straw strength. Nora is tolerant to Leaf rust and Stem rust with excellent test weight patterns, and high protein levels. Milling and baking characteristics are satisfactory.

Juvenile growth habit is erect. Seedling anthocyanin is present. Plant color at boot stage is green. Auricle anthocyanin and auricle hairs are present. Flag leaf at boot stage is recurved and twisted. Waxy bloom is present on the head, stem and flag leaf sheath. Anther color is yellow. Head shape is strap and awned. Glumes are glabrous, wide in width and long in length with oblique shoulders and acuminate beaks. Seed shape is elliptical. Brush hairs are medium in size. Seed crease depth is shallow and width is narrow. Seed cheeks are rounded.

Area is adapted to the entire northern spring wheat region. This includes the states of Minnesota, North Dakota and South Dakota.

9700378

ACRIPRO WHEAT  
HARD RED SPRING WHEAT  
NOKA vs LARS

YEAR: 1996

## FLOUR/WHEAT QUALITY

## BAKING QUALITY

YEAR LOC	TEST WT	WHT PROT	FIR PROT	HRD	FIR YLD	—MIXOGRAM—			ABS	MIX			LOAF			—CRUMB—			OVER ALL
						PK	PK	TOL		TIME	TIME	TIME	cc	R	R	GR	TX	COL	
	lb/Bu	14%mb	14%mb	R	%	min	N.U.	mm	%	R	min	R	R	R	R	R	R	R	R
96 PR	00.0	16.4	15.1	2	92	71.4	5	520	70.0	2	3.00	1	930	5	3	2	2	3	39
96 BP	00.0	15.9	14.8	2	72	69.6	5	747	67.0	3	3.50	3	960	4	6	2	2	3	45
95 PR	00.0	15.5	14.6	2	85	70.3	5	672	67.0	2	4.25	1	925	4	4	3	3	3	44
93 PR	59.3	15.2	14.2	2	71	71.8	6	987	66.0	4	3.25	3	1020	6	3	3	3	2	47
93 GF	53.4	15.6	14.0	2	62	68.0	6	1022	66.0	4	3.00	3	1100	4	4	4	3	2	45
92 MW	60.7	14.2	13.0	3	104	71.5	5	1007	63.0	3	3.00	1	820	3	5	5	5	3	48
AVERAGE	57.8	15.5	14.3	2.2	81	70.4	5.3	826	66.5	3.0	3.33	2.0	959	4.3	4.2	3.0	2.7		45

96 PR	00.0	14.3	13.1	5	88	73.8	3	1181	67.0	4	3.50	3	930	5	5	3	3	4	45
96 BP	00.0	13.8	12.8	6	79	72.8	2	1287	65.0	5	3.75	3	875	5	4	3	3	3	45
95 PR	00.0	13.8	12.7	6	81	74.0	2	1130	64.0	4	3.00	3	835	5	5	3	3	4	48
93 PR	56.7	13.6	12.7	5	77	73.0	4	1474	66.0	4	4.50	3	1100	4	4	3	3	3	39
93 GF	51.7	13.2	12.1	6	73	71.5	4	1324	65.0	5	5.00	5	970	7	3	3	3	3	51
92 MW	57.7	12.8	11.6	6	110	75.0	3	1416	61.0	5	3.00	1	700	5	3	4	4	3	46
AVERAGE	55.4	13.6	12.5	5.7	85	73.4	3.0	1302	64.7	4.5	3.79	3.0	902	5.2	3.8	3.2	3.3		46

LARS

RATINGS: 1-2-EXCELLENT 5-6-ACCEPTABLE 8-9-UNACCEPTABLE

9700378

# **1994-1996 AgriPro Seeds Standard Variety Trial Results**

VARIETY	Yield Bu/Acre			Test Wt. Lb/Bu	NIR Protein	(1 Early 9 Late) Heading			(1 Good 9 Bad) Lodging			(1 Good 9 Bad) Foliar Disease						
	94	95	96			94-96 Ave.	95-96 Ave.	94	95	96	94-96 Ave.	94	95	96	94-96 Ave.			
LARS	49.1	48.3	80.8	59.4	55.2	13.4	6.4	5.5	5.3	5.7	2.7	2.3	2.3	2.4	3.8	2.9	4.0	3.6
NORDIC	44.7	47.1	77.7	56.5	56.5	12.3	6.1	6.3	6.8	6.4	5.7	5.3	4.7	5.2	3.3	4.7	6.0	4.7
2370	47.8	48.1	70.6	55.5	56.9	14.3	4.3	3.9	4.0	4.1	3.5	5.0	4.3	4.3	5.3	4.3	6.0	5.2
NORLANDER	43.4	46.0	75.7	55.0	55.8	14.0	3.1	3.2	3.2	3.2	6.3	4.3	3.3	4.6	4.3	5.8	6.0	5.4
HAMER	46.8	44.1	73.4	54.8	56.5	14.0	4.5	4.8	4.6	4.6	4.2	3.7	2.3	3.4	4.2	3.2	4.0	3.8
GRANDIN	43.6	43.8	73.4	53.6	57.9	14.4	2.8	3.8	4.1	3.6	5.0	6.0	3.0	4.7	5.0	5.4	5.0	5.1
2375	48.1	42.7	67.8	52.9	57.4	13.9	3.3	3.6	3.6	3.5	5.5	6.7	9.0	7.1	3.7	5.0	4.0	4.2
2371	46.3	41.0	70.1	52.5	56.3	14.9	5.5	4.9	5.3	5.2	4.0	4.0	2.7	3.6	4.3	4.2	4.0	4.2
NORA	45.4	43.0	67.8	52.1	59.8	15.1	4.0	4.1	4.8	4.3	3.0	2.7	4.7	3.5	5.2	5.5	5.0	5.2
SONJA	41.2	41.9	70.6	51.2	54.8	14.1	4.8	4.8	4.8	4.8	4.2	4.7	6.0	5.0	6.2	3.6	5.0	4.9
BUTTE 86	40.7	43.6	68.0	50.8	56.9	14.5	2.7	3.3	2.8	2.9	5.2	6.7	3.3	5.1	3.5	5.5	5.0	4.7
VANCE	39.2	38.7	69.1	49.0	54.5	14.3	5.8	6.0	6.1	6.0	5.3	6.0	3.3	4.9	5.4	4.8	6.0	5.4
GUS	36.8	38.4	65.5	46.9	55.4	15.5	5.2	4.9	4.8	5.0	4.7	6.0	4.0	4.9	5.4	4.5	3.0	4.3
Locations	4	4	2	10	10	10	3	4	2	9	3	4	2	9	3	4	2	9

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**STEM AND LEAF RUST RATINGS**  
**Uniform Regional Nursery results - 1995**

<b>VARIETY</b>	<b>LEAF RUST Carrington,ND 1995</b>	<b>STEM RUST Fargo,ND 1995</b>
<b>STOA</b>	<b>10R</b>	<b>5R</b>
<b>BUTTE 86</b>	<b>5R</b>	<b>20R-MR</b>
<b>FORGE</b>	<b>10R</b>	<b>50MR-MS</b>
<b>NORA</b>	<b>5R</b>	<b>tR</b>

**The number in front is the percent of leaf area affected.**

**Reaction type:**

**tR = Trace**

**R = Resistant**

**MR = Moderately Resistant**

**MS = Moderately Susceptible**

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## SPRING WHEAT TRIAL SUMMARIES OVER-LOCATION 1995

### NORA vs STOA

Data from Uniform Regional Nursery reports.

#### YIELD BY STATE

State	Bu/A Nora	Bu/A Stoa	# of Locs.
MN	39.3	43.4	3
MT	70.2	65.9	2
ND	41.3	39.9	5
SD	43.5	48.2	3
AVE.	48.6	46.6	13

#### TEST WEIGHT BY STATE

State	Lb/bu Nora	Lb/bu Stoa	# of Locs.
MN	54.9	53.7	3
MT	62.2	61.1	2
ND	57.4	56.2	6
SD	58.8	57.3	3
AVE.	58.3	56.6	14

#### HEIGHT BY STATE

State	HT cm Nora	HT cm Stoa	# of Locs.
MN	70.3	93.3	3
MT	73.5	96.5	2
ND	67.8	86.5	6
SD	69.3	95.7	3
AVE.	69.5	91.4	14

#### HEADING BY STATE

State	HD Days Nora	HD Days Stoa	# of Locs.
MN	51.3	52.0	3
MT	58.0	59.0	2
ND	53.3	53.8	6
SD	58.7	61.0	3
AVE.	54.7	55.7	14

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# **SPRING WHEAT TRIAL SUMMARIES OVER-LOCATION 1995**

## **NORA vs BUTTE 86**

Data from Uniform Regional Nursery reports.

### **YIELD BY STATE**

State	Bu/A Nora	Bu/A Butte 86	# of Locs.
MN	39.3	44.6	3
MT	70.2	63.4	2
ND	41.3	38.4	5
SD	43.5	49.7	3
<b>AVE</b>	<b>48.6</b>	<b>46.3</b>	<b>13</b>

### **TEST WEIGHT BY STATE**

State	lb/bu Nora	lb/bu Butte 86	# of Locs.
MN	54.9	55.1	3
MT	62.2	61.8	2
ND	57.4	58.2	6
SD	58.8	59.7	3
<b>AVE</b>	<b>58.3</b>	<b>58.4</b>	<b>14</b>

### **HEIGHT BY STATE**

State	HT cm Nora	HT cm Butte 86	# of Locs.
MN	70.3	85.0	3
MT	73.5	96.0	2
ND	67.8	80.5	6
SD	69.3	87.7	3
<b>AVE.</b>	<b>69.5</b>	<b>85.2</b>	<b>14</b>

### **HEADING BY STATE**

State	HD Days Nora	HD Days Butte 86	# of Locs.
MN	51.3	47.7	3
MT	58.0	55.0	2
ND	53.3	51.2	6
SD	58.7	57.7	3
<b>AVE.</b>	<b>54.7</b>	<b>52.4</b>	<b>14</b>

EXHIBIT E  
STATEMENT OF THE BASIS OF OWNERSHIP

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S)  Jose Buck S.A.		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER  N89-0562	3. VARIETY NAME  NORA
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)  7537 La Dulce PDO, DeNecochea Prov. Buenos Aires, Argentina		5. TELEPHONE (include area code)  54-264-2420 Argentina	6. FAX (include area code)
		7. PVPO NUMBER  9700378	
8. Does the applicant own all rights to the variety? Mark an "X" in appropriate block. If no, please explain.  <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
9. Is the applicant (individual or company) a U.S. national or U.S. based company? If no, give name of country <u>Argentina</u>  <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
10. Is the applicant the original owner? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If no, please answer the following:			

a. If original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. national(s)?  
☐ YES ☐ NO If no, give name of country \_\_\_\_\_b. If original rights to variety were owned by a company, is the original owner(s) a U.S. based company?  
☐ YES ☐ NO If no, give name of country \_\_\_\_\_

11. Additional explanation on ownership (If needed, use reverse for extra space):

Nora is a Hard Red Spring Wheat bred and owned by Jose Buck S.A. and developed in the U.S.A. by Agripro Seeds, Inc.

## PLEASE NOTE:

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA Office of Communications at (202) 720-5881 (voice) or (202) 720-7808 (TDD). To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call 1-800-245-6340 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

***Exhibit E.***  
***Statement of the Basis of Applicant's Ownership***

The variety for which Plant Variety Protection is hereby sought was bred by Jose Buck S.A. and developed in the U.S.A. by Agripro Seeds, Inc. By contractual agreement the variety 'Nora' is currently owned by Jose Buck S.A. and licensed to Agripro Seeds, Inc. for commercial use.